

What is claimed is:

1 1. A stand for supporting a display device,
2 comprising:

3 a fixing plate connected to the display device;

4 a hinge structure connected to the fixing plate and
5 having a hinge body; and

6 a supporting structure connected to the hinge
7 structure and having a first supporting element
8 and a second supporting element, the first
9 supporting element rotatably connected to the
10 second supporting element, wherein the distance
11 between the bottoms of the first and second
12 supporting elements changes when either of the
13 first and second supporting elements rotates.

1 2. The stand as claimed in claim 1, wherein the
2 hinge structure further comprises a first hinge, a second
3 hinge, a first fixing portion and a second fixing
4 portion, the first hinge connected to the first fixing
5 portion and hinge body, the second hinge connected to the
6 second fixing portion and hinge body, and the first and
7 second fixing portions fixed to the fixing plate.

1 3. The stand as claimed in claim 1, further
2 comprising a base having a receiving portion, the first
3 and second supporting elements received in the receiving
4 portion when the base is connected to the first and
5 second supporting elements.

1 4. The stand as claimed in claim 3, further
2 comprising a lock structure disposed in the receiving
3 portion of the base to position the first and second
4 supporting elements in the receiving portion and release
5 the first and second supporting elements from the
6 receiving portion.

1 5. The stand as claimed in claim 4, wherein the
2 lock structure further comprises a button element and an
3 engaging element, the button element slidably disposed on
4 the engaging element, and the first and second supporting
5 elements engaging the engaging element and disengaging
6 from the engaging element by means of the button element.

1 6. The stand as claimed in claim 5, wherein the
2 first supporting element and second supporting element
3 further comprise a first engaging portion and a second
4 engaging portion, respectively, to engage with the
5 engaging element.

1 7. The stand as claimed in claim 1, wherein the
2 first supporting element and second supporting element
3 further comprise a first toothed portion and a second
4 toothed portion, respectively, the first toothed portion
5 engaging the second toothed portion such that the first
6 supporting element rotates with respect to the second
7 supporting element.

1 8. The stand as claimed in claim 1, further
2 comprising a first cushion and a second cushion disposed

3 on the bottoms of the first and second supporting
4 elements, respectively.

1 9. The stand as claimed in claim 1, further
2 comprising a first cover and a second cover, the first
3 cover covering the hinge body, first toothed portion,
4 second toothed portion and fixing plate, and the second
5 cover covering the hinge body.

1 10. The stand as claimed in claim 1, wherein the
2 hinge body further comprises a first fixed pin and a
3 second fixed pin, the first and second supporting
4 elements pivoting to the first and second fixed pins,
5 respectively.

1 11. The stand as claimed in claim 3, further
2 comprising at least one first buffer disposed in the
3 receiving portion of the base to protect the supporting
4 structure.

1 12. The stand as claimed in claim 4, further
2 comprising a bottom plate disposed under the base, the
3 lock structure disposed in the receiving portion of the
4 base and on the bottom plate.

1 13. The stand as claimed in claim 13, further
2 comprising at least one second buffer disposed under the
3 bottom plate.

1 14. A display device, comprising:

2 a main body; and

3 a stand connected to the main body and having a
4 first supporting element and a second

5 supporting element, wherein the bottoms of the
6 first supporting element, second supporting
7 element and main body form a plane and the main
8 body is supported thereon when the first
9 supporting element is separated from the second
10 supporting element by a predetermined distance.

1 15. The display device as claimed in claim 14,
2 further comprising a hinge body disposed on the main
3 body, the stand connected to the main body by means of
4 the hinge body, and the hinge body rotating in a
5 direction away from the main body to change the angle
6 between the stand and main body.

1 16. The display device as claimed in claim 14,
2 further comprising a base having a receiving portion, the
3 first and second supporting elements received in the
4 receiving portion when the base is connected to the
5 stand.

1 17. The display device as claimed in claim 16,
2 further comprising a lock structure disposed in the
3 receiving portion of the base to position the first and
4 second supporting elements in the receiving portion and
5 release the first and second supporting elements from the
6 receiving portion.

1 18. The display device as claimed in claim 17,
2 wherein the lock structure further comprises a button
3 element and an engaging element, the button element
4 slidably disposed on the engaging element, and the first
5 and second supporting elements engaging the engaging

6 element and disengaging from the engaging element by
7 means of the button element.

1 19. The display device as claimed in claim 18,
2 wherein the first supporting element and second
3 supporting element further comprise a first engaging
4 portion and a second engaging portion, respectively, to
5 engage the engaging element.

1 20. The display device as claimed in claim 14,
2 wherein the first supporting element and second
3 supporting element further comprise a first toothed
4 portion and a second toothed portion, respectively, the
5 first toothed portion engaging the second toothed portion
6 such that the first supporting element rotates with
7 respect to the second supporting element.

1 21. The display device as claimed in claim 14,
2 further comprising a first cushion and a second cushion
3 disposed on the bottoms of the first and second
4 supporting elements, respectively.

1 22. The display device as claimed in claim 15,
2 further comprising a first cover and a second cover, the
3 first cover covering the hinge body, first toothed
4 portion and second toothed portion, and the second cover
5 covering the hinge body.

1 23. The display device as claimed in claim 15,
2 wherein the hinge body further comprises a first fixed
3 pin and a second fixed pin, the first and second

4 supporting elements pivoting to the first and second
5 fixed pins, respectively.

1 24. The display device as claimed in claim 16,
2 further comprising at least one first buffer disposed in
3 the receiving portion of the base to protect the stand.

1 25. The display device as claimed in claim 17,
2 further comprising a bottom plate disposed under the
3 base, the lock structure disposed in the receiving
4 portion of the base and on the bottom plate.

1 26. The display device as claimed in claim 25,
2 further comprising at least one second buffer disposed
3 under the bottom plate.

1 27. The display device as claimed in claim 14,
2 wherein the main body further comprises a sliding groove,
3 the first and second supporting elements disposed in the
4 sliding groove and sliding therein, the stand in a
5 received condition when the first and second supporting
6 elements meet, and the stand in a supporting condition
7 when the first and second supporting elements are
8 separated.